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Docket No.: 2185-0743PUS1  
(PATENT)

#3

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Ryo MINAMIDA et al.

Application No.: Not Yet Assigned

Confirmation No.: N/A

Filed: January 13, 2005

Art Unit: N/A

For: PROCESS FOR PRODUCTION OF  
FORMYLCYCLOPROPANECARBOXYLIC  
ESTER

Examiner: Not Yet Assigned

**INFORMATION DISCLOSURE STATEMENT (IDS)**

MS PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement accompanies the new patent application submitted herewith.

A summary/abstract translation of the non-English language references is enclosed.

A copy of each non-U.S. Patent reference on the PTO/SB/08 is attached.

Application No.: Not Yet Assigned

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A concise explanation of relevance of several of the items listed on form PTO/SB/08 is in the form of an English language copy of a Search Report from a foreign patent office, issued in a counterpart application, which refers to the relevant portions of the references.

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to our Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under § 1.17; particularly, extension of time fees.

Dated: January 13, 2005

Respectfully submitted,

By 

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Substitute for form 1449A/B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	Not Yet Assigned
				Filing Date	January 13, 2005
				First Named Inventor	Ryo MINAMIDA
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	1	of	1	Attorney Docket Number	2185-0743PUS1

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	AA	US-5,821,374-A	10-13-1998	Jenny, et al.	
	AB	US-49-H	04-01-1986	Levenburg	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	BA	JP-7-330654-A	12-19-1995			✓
	BB	JP-9-87226-A	03-31-1997			✓
	BC	JP-5-310632-A	11-22-1993			✓
	BD	JP-10-273006-A	09-08-1998			✓
	BE	EP-0 050 074-A2	04-21-1982			✓
	BF	JP-2002-145861-A	05-22-2002			✓
	BG	JP-46-24695-A	07-15-1971			✓

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	CA	Østergaard et al., "Scope and limitations of chiral bis(oxazoline) ligands in the copper-catalysed asymmetric cyclopropanation of trisubstituted alkenes", Tetrahedron, 2001, Vol. 57, pages 6083-6088.	
	CB	Takano et al., "A synthesis of trans- and cis-caronaldehydes", Heterocycles, 1985, Vol. 23, No. 11, pages 2859-2872.	
	CC	Le Corre et al., "Asymmetric synthesis of enantiopure (+)-(1S,2S) methyl 2-formylcyclopropanecarboxylate and corresponding (Z) and (E) didehydroamino acid derivatives", Tetrahedron: Asymmetry, 1995, Vol. 6, No. 3, pages 683-684.	
	CD	Boland et al., "Enantioselective reduction of vicinally substituted monocyclic aldehydes with horse liver alcohol dehydrogenase; a new approach to chiral alcohols and aldehydes", Synthesis, 1987, Vol. 1, pages 28-32.	
	CE	Anelli et al., "Fast and selective oxidation of primary alcohols to aldehydes or to carboxylic acids and of secondary alcohols to ketones mediated by oxoammonium salts under two-phase conditions", J. Org. Chem, 1987, Vol. 52, pages 2559-2562.	
	CF	Einhorn et al., "Efficient and highly selective oxidation of primary alcohols to aldehydes by n-chlorosuccinimide mediated by oxoammonium salts", J. Org. Chem, 1996, Vol. 61, pages 7452-7454.	
	CG	Siedlecka et al., "Selective oxidation of primary hydroxy groups in primary-secondary diols", Tetrahedron Letters, 1990, Vol. 31, No. 15, pages 2177-2180.	
	CH	Leanna et al., "Synthesis of $\alpha$ -amino and $\alpha$ -alkoxy aldehydes via oxoammonium oxidation", Tetrahedron Letters, Vol. 33, No. 35, pages 5029-5032 (1992).	
Examiner Signature		Date Considered	